

ORIGINAL

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BOOK 54 54

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF

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A PORTION OF EXCHANGE SURVEY NUMBER 677

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AND

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A METES-AND-BOUNDS SURVEY

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IN

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SECTION 27

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TOWNSHIP 22 NORTH, RANGE 2 EAST

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Of the Gila and Salt River Meridian,  
In the State of Arizona

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EXECUTED BY  
Clyde J. King                      Cadastral Surveyor

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Under Special Instructions dated August 9, 1995, approved August 9, 1995, which provided for the surveys included under Group Number 792, and assignment instructions dated August 9, 1995.

Survey Commenced August 21, 1995  
Survey Completed August 24, 1995

2  
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INDEX DIAGRAM

TOWNSHIP 22 NORTH, RANGE 2 EAST.

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Exchange Survey No. 677  
Metes-and-Bounds Survey

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## BOOK 5454

T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of Exchange Survey Number 677 and a metes-and-bounds survey in section 27, Township 22 North, Range 2 East, Gila and Salt River Meridian, Arizona.

Exchange Survey Number 677 was surveyed by R. L. Hughes in 1948.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 9, 1995 for Group No. 792, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Topcon GTS-3B total station instrument.

The geographic position of corner number 2 of Exchange Survey Number 677 was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation station "WHEEL 1958" was used as the control station.

Latitude 33°15'24.27" N.      Longitude 112°10'04.02" W.      NAD27

The mean magnetic declination, as taken from quadrangle map Williams, ARIZ., published in 1960 by U.S. Geological Survey, is 14 1/2° E.

## BOOK 5454

Dependent Resurvey of a Portion of Exchange Survey No. 677  
T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the Survey Executed by R. L. Hughes, in 1948</p> <hr/>
	<p>Beginning at cor. No. 2, Exchange Survey No. 677, monumented with an iron post, 1 in. diam, firmly set, flush with the ground, with brass cap mkd. 2 ES 677 1948.</p>
	<p>Cor. is located 46 lks. E. of a paved drive way.</p>
	<p>N. 86°46' E., on line 2-3.</p>
	<p>Over nearly level land.</p>
6.065	<p>Point for AP 1, sec. 27, hereinafter described.</p>
8.01	<p>Cor. No. 3, Exchange Survey No. 677, reestablished by George G. Curry, R.L.S. 4520, in 1970, monumented with a railroad spike, flush with the pavement. This is accepted as a careful and faithful reestablishment of the original corner.</p>
	<p>From this cor. point the NW cor. of a concrete slab, bears N. 28° E., 25 lks. dist.</p>
	<p>From this same cor. point the SW cor. of a concrete slab, bears S. 10° E., 44 lks. dist.</p>
	<p>Cor. is located in the paved lot of a gas station.</p> <hr/>
	<p>S. 81°57' E., on line 3-4.</p>
	<p>Over nearly level land.</p>
2.15	<p>Point for AP 4, sec. 27, hereinafter described.</p>
3.82	<p>Cor. No. 4, Exchange Survey No. 677, monumented with an iron post, 1 in. diam., firmly set, flush with the ground, with brass cap mkd. 4 ES 677 1948.</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A pine, 30 ins. diam., bears S. 28° E., 61 lks. dist., with a healed blaze.</p>
	<p style="padding-left: 40px;">A pine, 20 ins. diam., bears S. 63° W., 114 lks. dist., with a healed blaze.</p>

## BOOK 5454

Dependent Resurvey of a Portion of Exchange Survey No. 677  
T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

## CHAINS

Cor. is located 3 lks. S. of a cor. of fences, extending S. and W., and 6 lks. E. of a gravel drive way.

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Metes-and Bounds Survey in Section 27  
T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

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From AP 1, sec. 27, on line 2-3, Exchange Survey No. 677, established by George G. Curry, R.L.S. 4520, in 1970, for private lot cors. to the S., monumented with an iron pipe, 1 in. diam., 14 ins. long, firmly set, 12 ins. below ground.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 32 ins. in the ground, with brass cap mkd.

T22N R2E

S27 

1995

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post and the iron pipe inside the stainless steel post.

From this cor. point Cor. 2, Exchange Survey No. 677, hereinbefore described, bears S. 86°46' W., 6.065 chs. dist.

N. 3°19' W., on line 1-2., along the new southerly right-of-way of Business Loop I-40 (U.S. Highway Route 66).

Over nearly level land.

0.525

Point for AP 2, sec. 27.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22N R2E

S27 

1995

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.

## BOOK 5454

Metes-and-Bounds Survey in Section 27

T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.05	<p>Cor. is located 1.2 chs. S. of paved Business Loop I-40.</p> <hr/> <p>N. 86°41' E., on line 2-3, along the new southerly right-of-way of Business Loop I-40 (U.S. Highway Route 66).</p> <p>Over nearly level land.</p> <p>Point for AP 3, sec. 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T22N R2E</p> <div style="display: inline-block; vertical-align: middle;"> <div style="border: 1px solid black; padding: 2px;">AP3</div> <div style="display: inline-block; vertical-align: middle; padding: 0 5px;"> </div> <div style="display: inline-block; vertical-align: middle;">S27</div> </div> <p>1995</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 1.2 chs. S. of paved Business Loop I-40.</p> <hr/>
0.95	<p>S. 3°19' E., on line 3-4, along the new southerly right-of-way of Business Loop I-40 (U.S. Highway Route 66).</p> <p>Over nearly level land.</p> <p>Point for AP 4, sec. 27, on line 3-4, Exchange Survey No. 677.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T22N R2E</p> <div style="display: inline-block; vertical-align: middle;"> <div style="border: 1px solid black; padding: 2px;">AP4</div> <div style="display: inline-block; vertical-align: middle; padding: 0 5px;"> </div> <div style="display: inline-block; vertical-align: middle;">S27</div> </div> <p>1995</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point Cor. 4, Exchange Survey No. 677, hereinbefore described, bears S. 81°57' E., 1.67 chs. dist.</p> <hr/>

## BOOK 5454

T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	<p data-bbox="409 357 1455 425">This survey is located on the easterly edge of Williams, Arizona. The elevation is approximately 6800 feet above sea level.</p> <p data-bbox="409 455 1410 523">Access to the survey area is by way of U.S. Interstate Highway No. 40 and Business Loop I-40 (U.S. Highway Route 66).</p> <p data-bbox="409 553 893 583">No mineral activity was noted.</p> <p data-bbox="409 612 1377 680">The survey area lies in the parking lot of a combination gas station and auto repair shop.</p>

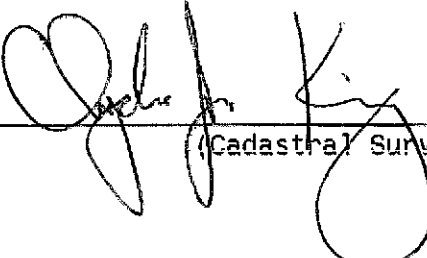
[illegible]



## CERTIFICATE OF SURVEY

I, Clyde J. King, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 9th day of August, 1995, I have dependently resurveyed a portion of Exchange Survey Number 677 and conducted a metes-and-bounds survey in section 27, Township 22 North, Range 2 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

1/29/96  
(Date)

  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of Exchange Survey Number 677 and a metes-and-bounds survey in section 27, Township 22 North, Range 2 East, Gila and Salt River Meridian, Arizona, executed by Clyde J. King, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JAN 31 1996

(Date)

  
(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 22 N., R. 2 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Acting Chief Cadastral Surveyor of Arizona)~~